



Preliminary Certificate of Analysis

R&D

TERPLANDIA LLC
1271 EVERGREEN ROAD
REDWAY, CA 95560

Batch # TLH00
Batch Date: 2021-01-06
Extracted From: Cannabis

Test Reg State: Florida

Production Facility: Terplandia LLC
Production Date: 2020-12-31

Order # TER210106-040027
Order Date: 2021-01-06
Sample # AAAW672

Sampling Date: 2021-01-12
Lab Batch Date: 2021-01-12
Completion Date: 2021-01-19

Initial Gross Weight: 20.300 g
Density: 810.5 g/ml



Product Image



Terpenes
Tested



Heavy Metals
Passed



Pesticides
Passed

Terpenes Summary

Analyte	Result (mg/ml)	(%)
beta-Myrcene	487.920	48.792%
alpha-Pinene	84.680	8.468%
trans-Caryophyllene	53.170	5.317%
(R)-(+)-Limonene	40.960	4.096%
Camphene	1.820	0.182%
Isopulegol	1.700	0.17%
Fenchyl Alcohol	1.430	0.143%
Caryophyllene oxide	1.050	0.105%
Valencene	0.720	0.072%
alpha-Humulene	0.630	0.063%
Sabinene Hydrate	0.620	0.062%
Farnesene	0.610	0.061%
Terpineol	0.560	0.056%
Terpinolene	0.440	0.044%
Isoborneol	0.350	0.035%
Geranyl acetate	0.220	0.022%
alpha-Terpinene	0.210	0.021%

Total Terpenes: 67.792%

Detailed Terpene Analysis is on the following page

Xueli Gao *Aixia Sun*

Xueli Gao
Ph.D., DABT

Lab Toxicologist

Aixia Sun
Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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Terpenes - FL

Specimen Weight: 37.000 mg

Tested
(GC)

Dilution Factor: 1.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
beta-Myrcene	0.02	487.920	48.792	alpha-Pinene	0.02	84.680	8.468
trans-Caryophyllene	0.02	53.170	5.317	(R)-(+)-Limonene	0.02	40.960	4.096
Camphene	0.02	1.820	0.182	Isopulegol	0.02	1.700	0.170
Fenchyl Alcohol	0.02	1.430	0.143	Caryophyllene oxide	0.02	1.050	0.105
Valencene	0.02	0.720	0.072	alpha-Humulene	0.02	0.630	0.063
Sabinene Hydrate	0.02	0.620	0.062	Farnesene	0.02	0.610	0.061
Terpineol	0.02	0.560	0.056	Terpinolene	0.02	0.440	0.044
Isoborneol	0.02	0.350	0.035	Geranyl acetate	0.02	0.220	0.022
(+)-Cedrol	0.02	0.220	0.022	alpha-Terpinene	0.02	0.210	0.021
Eucalyptol	0.02	<LOQ	<LOQ	Ocimene	0.014	<LOQ	<LOQ
trans-Nerolidol	0.02	<LOQ	<LOQ	3-Carene	0.02	<LOQ	<LOQ
alpha-Bisabolol	0.02	<LOQ	<LOQ	alpha-Cedrene	0.02	<LOQ	<LOQ
alpha-Phellandrene	0.02	<LOQ	<LOQ	Sabinene	0.02	<LOQ	<LOQ
Pulegone	0.02	<LOQ	<LOQ	Linalool	0.02	<LOQ	<LOQ
Nerol	0.02	<LOQ	<LOQ	cis-Nerolidol	0.02	<LOQ	<LOQ
Hexahydrothymol	0.02	<LOQ	<LOQ	Guaiol	0.02	<LOQ	<LOQ
beta-Pinene	0.02	<LOQ	<LOQ	Geraniol	0.02	<LOQ	<LOQ
Gamma-Terpinene	0.02	<LOQ	<LOQ	Borneol	0.04	<LOQ	<LOQ
Camphors	0.04	<LOQ	<LOQ	Fenchone	0.02	<LOQ	<LOQ

Total Terpenes: 67.792%

Xueli Gao
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Lab Toxicologist

Aixia Sun
Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



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 CLIA No. 10D1094068

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 Sample # AAW672

Sampling Date: 2021-01-12
 Lab Batch Date: 2021-01-12
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 Density: 810.5 g/ml

H Heavy Metals

Specimen Weight: 126.550 mg

Passed
 (ICP-MS)

Dilution Factor: 2.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Cadmium (Cd)	100	500	<LOQ
Lead (Pb)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ
Total Contaminant Load (TCL)	None Detected						

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Pesticides FL V4 (Non-Inhalable)

Passed
 (LCMS/GCMS)

Specimen Weight: 152.600 mg

Dilution Factor: 9.830

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Acephate	30	3000	<LOQ
Acequinocyl	48	2000	<LOQ	Acetamiprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Azoxystrobin	10	3000	<LOQ
Bifenazate	30	3000	<LOQ	Bifenthrin	30	500	<LOQ
Boscalid	10	3000	<LOQ	Captan	30	3000	<LOQ
Carbaryl	10	500	<LOQ	Carbofuran	10	100	<LOQ
Chlorantraniliprole	10	3000	<LOQ	Chlordane	10	100	<LOQ
Chlorfenapyr	30	100	<LOQ	Chloromequat Chloride	10	3000	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	30	500	<LOQ
Coumaphos	48	100	<LOQ	Cyfluthrin	30	1000	<LOQ
Cypermethrin	30	1000	<LOQ	Daminozide	30	100	<LOQ
Diazinon	30	200	<LOQ	Dichlorvos	30	100	<LOQ
Dimethoate	30	100	<LOQ	Dimethomorph	48	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	10	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	48	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Imazalil	30	100	<LOQ	Imidacloprid	30	3000	<LOQ
Kresoxim Methyl	30	1000	<LOQ	Malathion	30	2000	<LOQ
Metaxyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	methyl-Parathion	10	100	<LOQ
Mevinphos	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Naled	30	500	<LOQ	Oxamyl	30	500	<LOQ
Paclobutrazol	30	100	<LOQ	Pentachloronitrobenzene	10	200	<LOQ
Permethrin	30	1000	<LOQ	Phosmet	30	200	<LOQ
Piperonylbutoxide	30	3000	<LOQ	Prallethrin	30	400	<LOQ
Propiconazole	30	1000	<LOQ	Propoxur	30	100	<LOQ
Pyrethrins	30	1000	<LOQ	Pyridaben	30	3000	<LOQ
Spinetoram	10	3000	<LOQ	Spinosad	30	3000	<LOQ
Spiromesifen	30	3000	<LOQ	Spirotetramat	30	3000	<LOQ
Spiroxamine	30	100	<LOQ	Tebuconazole	30	1000	<LOQ
Thiacloprid	30	100	<LOQ	Thiamethoxam	30	1000	<LOQ
Trifloxystrobin	30	3000	<LOQ	Total Contaminant Load (TCL)	None Detected		

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